

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
13 October 2005 (13.10.2005)

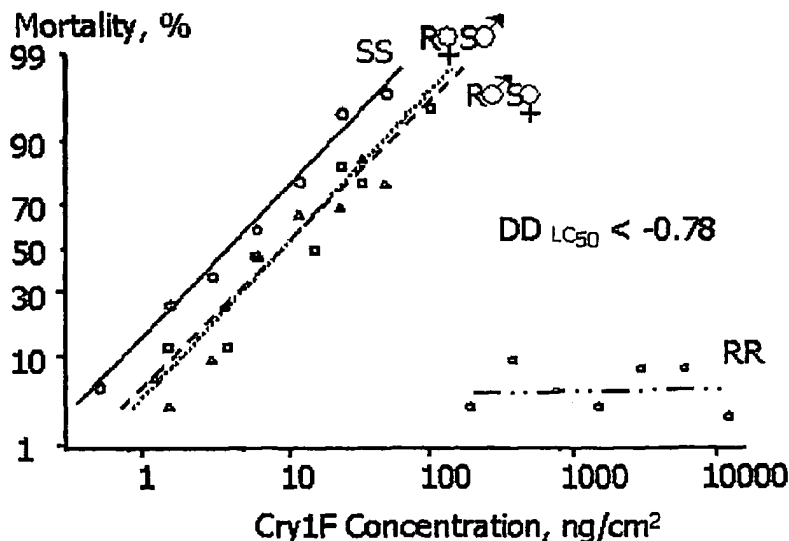
PCT

(10) International Publication Number  
**WO 2005/094340 A2**

- (51) International Patent Classification: Not classified
- (21) International Application Number: PCT/US2005/010523
- (22) International Filing Date: 29 March 2005 (29.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/557,815 29 March 2004 (29.03.2004) US
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: METHOD OF REDUCING INSECT RESISTANT PESTS IN TRANSGENIC CROPS



(57) Abstract: The present invention discloses Resistance Management (RM) practices that are critical to safeguard *Bacillus thuringiensis* as a natural resource and sustain genetically modified corn expressing Bt toxins as a suitable method for ECB and WCRW management. A useful tool in developing RM strategies is to develop laboratory selected colonies that exhibit high levels of resistance to a particular toxin. The availability of selected strains allows determination of the genetic expression of resistance (i.e., dominant vs. recessive, autosomal vs. sex-linked) and whether or not the resistance mechanism is specific for a given toxin. In addition, the availability of resistant strains will allow estimation of the particular resistance allele frequency in the field, and provides a tool to identify the biochemical and physiological basis of resistance and a means to develop molecular probes to monitor the evolution of resistance in the field.



**Published:**

— without international search report and to be republished upon receipt of that report

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